

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	280	(156/345.34).cols. and (showerhead or (shower head) or (gas adj (diffus\$3 or dispense\$3 or disper\$3 of distribut\$3) adj (means or plate)) or (gas injector))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/11 17:40
L2	184	1 and ((first with (gas or precursor or reactant)) same (second with (gas or precursor or reactant)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/11 17:41
L3	111	2 and (@ad<= "20041022" or @rlad<= "20041022")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/11 17:42
L4	1	(156/345.44).cols. and (showerhead or (shower head) or (gas adj (diffus\$3 or dispense\$3 or disper\$3 of distribut\$3) adj (means or plate)) or (gas injector))and (nozzle with concentric\$4 with (hole or passage or ring))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/11 17:55
S1	1	("20070272154").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/21 06:36
S2	6449	(118/715).COLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/21 06:39
S3	6792	((118/715) or (156/345.33)).COLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/21 06:40
S4	1219	S3 and (showerhead or (shower head) or (gas adj (diffus\$3 or dispense\$3 or disper\$3 of distribut\$3) adj (means or plate)) or (gas injector))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/21 06:52

S5	792	S4 and ((first with (gas or precursor or reactant)) same (second with (gas or precursor or reactant)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/21 06:54
S6	600	S5 and (@ad<="20041022" or @rlad<="20041022")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/21 07:00
S7	6924	((118/715) or (156/345.33)). CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/12/07 23:39
S8	364	S7 and ((showerhead or (shower head) or (gas adj (diffus\$3 or dispens\$3 or disper \$3 or distribut\$3) adj (means or plate)) or (gas injector)) same ring)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/07 23:39
S9	6924	((118/715) or (156/345.33)). CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/12/08 09:26
S10	12	S9 and (showerhead or (shower head) or (gas adj (diffus\$3 or dispens\$3 or disper \$3 or distribut\$3) adj (means or plate)) or (gas injector))and (nozzle with concentric\$4 with (hole or passage or ring))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/08 09:27
S11	121	(showerhead or (shower head) or (gas adj (diffus\$3 or dispens \$3 or disper\$3 of distribut\$3) adj (means or plate)) or (gas injector))and (nozzle with concentric\$4 with (hole or passage or ring))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/08 09:49
S12	109	(showerhead or (shower head) or (gas adj (diffus\$3 or dispens \$3 or disper\$3 of distribut\$3) adj (means or plate)) or (gas injector))and (nozzle same concentric\$4 same (hole or passage or ring)) not S11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/08 10:51
S13	7	("2003/0019580").URRN.	USPAT	ADJ	ON	2010/12/08 12:22

S14	24	(("20030000469" "20030019580" "3589394" "3610278" "4761269" "4780169" "5108535" "5174825" "5269847" "5286331" "5496408" "5589110" "5683517" "5728223" "5746875" "5853484" "5885358" "6286454" "6315858" "6446573").PN OR ("6872259").URPN.	US_PGPUB; USPAT; USOCR	ADJ	ON	2010/12/08 12:23
S15	24	(("20030000469" "20030019580" "3589394" "3610278" "4761269" "4780169" "5108535" "5174825" "5269847" "5286331" "5496408" "5589110" "5683517" "5728223" "5746875" "5853484" "5885358" "6286454" "6315858" "6446573").PN OR ("6872259").URPN.	US_PGPUB; USPAT; USOCR	ADJ	ON	2010/12/08 12:27
S16	13	(showerhead or (shower head) or (gas adj (diffus\$3 or dispense\$3 or disper\$3 of distribut\$3) adj (means or plate)) or (gas injector)) and (nozzle and concentric\$4 and (hole or passage or ring))	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/08 12:34
S17	171	((Amikura near3 Manabu) or ((Iwata near3 Teruo).in.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/08 12:50

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	9	((118/715) or (156/345.33) or (156/345.44)).CCLS.	UPAD	OR	OFF	2010/12/11 17:58
L6	0	(showerhead or (shower head) or (gas adj (diffus\$3 or dispense\$3 or disper\$3 of distribut\$3) adj (means or plate)) or (gas injector))and (nozzle with concentric\$4 with (hole or passage or ring))	UPAD	ADJ	ON	2010/12/11 18:00

L7	0	(showerhead or (shower head) or (gas adj (diffus\$3 or dispens\$3 or disper\$3 of distribut\$3) adj (means or plate)) or (gas injector)) and (nozzle with concentric\$4 with (hole or passage or ring))	UPAD	ADJ	ON	2010/12/11 18:00
L8	1	(showerhead or (shower head) or (gas adj (diffus\$3 or dispens\$3 or disper\$3 of distribut\$3) adj (means or plate)) or (gas injector)) and (nozzle same concentric\$4 same (hole or passage or ring))	UPAD	ADJ	ON	2010/12/11 18:02
L9	11	((118/715) or (156/345.33) or (156/345.34)).CCLS.	UPAD	OR	OFF	2010/12/11 18:08
L10	2	9 not 5	UPAD	ADJ	ON	2010/12/11 18:09

12/11/2010 7:30:03 PM

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